Nuclear Instruments and Methods in Physics Research A 338 (1994) 587–601
North-Holland

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH
Section A

Author index

Abachi, S., see DØ Collaboration 338 (1994) 185
Abolins, M., see DØ Collaboration 338 (1994) 185
Acharya, B.S., see DØ Collaboration 338 (1994) 185
Adam, I., see DØ Collaboration 338 (1994) 185
Adam, W., E. Albrecht, I. Ambec, A. Augustinus, C. Barnoux, B. Boštjančič, O. Botner, A.P. Budziak, L.P. Caloba, P. Carecchio, P. Cavalli, L. Ceelie, R. Cereseto, G. Cerutti, E. Dahl-Jensen, Ph. Dam, G. Damgaard, N. de Koning, A.S. de la Vega, N. Dimitriou, W. Dulinski, L-O. Eek, T. Ekelöf, J. Erikson, A. Florek, B. Florek, F. Fontanelli, A. Fontenille, K. Galuszka, J. Garcia, V. Gracco, A. Hallgren, W. Hao, T. Henkes, D. Isenhower, H. Johansson, E. Karvelas, P. Kindblom, B. Koene, A. Korporaal, P. Kostarakis, G. Lenzen, L.-E. Lindqvist, P. Lorenz, D. Loukas, B. Lund-Jensen, A. Maltezos, A. Markou, L. Mattsson, J. Medbo, J. Michalowski, F. Montano, B.S. Nielsen, J.M. Ostler, K. Pakonski, C. Perdikis, G. Polok, A. Robohm, G. Sajot, M. Sannino, E. Saragas, E. Schyns, S. Squarcia, G. Stavropoulos, M. Stodulski, Z. Stopa, J. Thadome, G.E. Theodosiou, L. Traspedini, M. Turala, O. Ullaland, A. Wärm, J. Werner, S. Xyroutsikos, M. Zavrtanik and E. Zevgolatakos, The forward ring imaging Cherenkov detector of DELPHI 338 (1994) 284
Adams, M.A., see Carlile, C.J. 338 (1994) 78
Ahn, S., see DØ Collaboration 338 (1994) 185
Aihara, H., see DØ Collaboration 338 (1994) 185
Aikens, M., see Horowitz, Y.S. 338 (1994) 522
Akerib, D.S., see Bebek, C.J. 338 (1994) 447
Albrecht, E., see Adam, W. 338 (1994) 284
Algeri, A., H.G. Fischer, S-O. Holmgren and M. Szeptycka, Anode wire ageing in proportional counters: the problem of analog response 338 (1994) 348
Alvarez, G., see DØ Collaboration 338 (1994) 185
Alves, G.A., see DØ Collaboration 338 (1994) 185
Ambec, I., see Adam, W. 338 (1994) 284
Ambrosi, G., see DiBitonto, D. 338 (1994) 404
Amos, N., see DØ Collaboration 338 (1994) 185
Anderson, B.D., see Eden, T. 338 (1994) 432
Anderson, D.F., see Aprile, E. 338 (1994) 328
Anderson, W., see DØ Collaboration 338 (1994) 185
Antipov, Yu., see DØ Collaboration 338 (1994) 185
Aprile, E., A. Bolotnikov, D. Chen, R. Mukherjee, F. Xu, D.F. Anderson and V. Peskov, Performance of CsI photocathodes in liquid Xe, Kr, and Ar 338 (1994) 328
Aronson, S.H., see DØ Collaboration 338 (1994) 185
Asmone, A., M. Bertino, C. Bini, G. De Zorzi, G. Diambrini Palazzi, G. Di Cosimo, A. Di Domenico, F. Garufi, P. Gauzzi, D. Zanello and A. Festinesi, Thermal neutron radiation damage on light yield and attenuation length of scintillating fibres 338 (1994) 398
Aspacher, B. and A.C. Rester, Compton continuum suppression by analog pulse shape analysis 338 (1994) 511
Aspacher, B. and A.C. Rester, Compton continuum suppression by digital pulse shape analysis. Part II 338 (1994) 516
Astur, R., see DØ Collaboration 338 (1994) 185
Augustinus, A., see Adam, W. 338 (1994) 284
Auty, C.G., see Foster, B. 338 (1994) 254
Avery, R.E., see DØ Collaboration 338 (1994) 185
Axe, J.D., see Vogt, T. 338 (1994) 71

Babucci, E., see DiBitonto, D. 338 (1994) 404
Bacon, M.P., see Waser, N.A. 338 (1994) 560
Baden, A., see DØ Collaboration 338 (1994) 185
Baier, V.N., R. Chehab and V.M. Katkov, On a possibility of using crystals for the production of polarized positrons at high energies 338 (1994) 156
Balderston, J., see DØ Collaboration 338 (1994) 185

0168-9002/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

Baldin, B., see DØ Collaboration ... 338 (1994) 185
Baldwin, A.R., see Eden, T. ... 338 (1994) 432
Ballon, J., C. Bérat, M. Buénerd, J. Chauvin, J.Y. Hostachy, M. Laâmyem, Ph. Martin, M. Rey-Campagnolle, R. Touillon and B. Volkemer, A high resolution fast-RICH counter for on-line tagging of high energy particles ... 338 (1994) 310
Bantly, J., see DØ Collaboration ... 338 (1994) 185
Barasch, E., see DØ Collaboration ... 338 (1994) 185
Barber, D.P., M. Böge, H. Böttcher, H.-D. Bremer, R. Brinkmann, W. Brückner, M. Düren, E. Gianfelice-Wendt, R. Kaiser, R. Klanner, H.-Ch. Lewin, M. Lomperski, N. Meyners, W.-D. Nowak, P.M. Patel, G. Ripken, K. Rith, H.O. Roloff, E. Steffens, D. Westphal, K. Zapfe and F. Zetsche, High spin polarization at the HERA electron storage ring ... 338 (1994) 166
Barnoux, C., see Adam, W. ... 338 (1994) 284
Bartlett, J.F., see DØ Collaboration ... 338 (1994) 185
Battiston, R., see DiBitonto, D. ... 338 (1994) 404
Battle, M.O., see Bebek, C.J. ... 338 (1994) 447
Bazizi, K., see DØ Collaboration ... 338 (1994) 185
Bebek, C.J., J.A. Dobbins, R. Sholtys, C.R. Strohman, D.S. Akerib, M.O. Battle, K. Honscheid and M.A. Selen, A new data acquisition system for CLEO II ... 338 (1994) 447
Behnke, T., see DØ Collaboration ... 338 (1994) 185
Bencivelli, W., R. Bertin, E. Bertolucci, U. Bottigli, S. D'Auria, C. Del Papa, M.E. Fantacci, P. Randaccio, V. Rosso and A. Stefanini, Comparison of different GaAs detectors for X-ray digital radiography ... 338 (1994) 549
Bérat, C., see Ballon, J. ... 338 (1994) 310
Berliner, R., see Popovici, M. ... 338 (1994) 99
Bertin, R., see Bencivelli, W. ... 338 (1994) 549
Bertino, M., see Asmone, A. ... 338 (1994) 398
Bertolucci, E., see Bencivelli, W. ... 338 (1994) 549
Bertuccio, G., G. De Geronimo, A. Longoni, S. Lauxtermann, W. Bronner and K. Runge, HEMT based integrated charge preamplifier first results (*Letter to the Editor*) ... 338 (1994) 582
Bezzubov, V., see DØ Collaboration ... 338 (1994) 185
Bhat, P.C., see DØ Collaboration ... 338 (1994) 185
Biasini, M., see DiBitonto, D. ... 338 (1994) 404
Bini, C., see Asmone, A. ... 338 (1994) 398
Birattari, C., E. De Ponti, A. Esposito, A. Ferrari, M. Pelliccioni and M. Silari, Measurements and characterization of high energy neutron fields ... 338 (1994) 534
Blair, G.A., see Foster, B. ... 338 (1994) 254
Blazey, G., see DØ Collaboration ... 338 (1994) 185
Blessing, S., see DØ Collaboration ... 338 (1994) 185
Blokesch, G., M. Negrazus and K. Wille, A slotted-pipe kicker for high-current storage rings ... 338 (1994) 151
Boehnlein, A., see DØ Collaboration ... 338 (1994) 185
Böge, M., see Barber, D.P. ... 338 (1994) 166
Bolotnikov, A., see Aprile, E. ... 338 (1994) 328
Borcherding, F., see DØ Collaboration ... 338 (1994) 185
Borders, J., see DØ Collaboration ... 338 (1994) 185
Borer, K., see Furlan, M. ... 338 (1994) 544
Börner, H.G., see Jungclaus, A. ... 338 (1994) 120
Boštjančič, B., see Adam, W. ... 338 (1994) 284
Botner, O., see Adam, W. ... 338 (1994) 284
Böttcher, H., see Barber, D.P. ... 338 (1994) 166
Bottigli, U., see Bencivelli, W. ... 338 (1994) 549
Bozko, N., see DØ Collaboration ... 338 (1994) 185
Brandt, A., see DØ Collaboration ... 338 (1994) 185
Bremer, H.-D., see Barber, D.P. ... 338 (1994) 166
Brinkmann, R., see Barber, D.P. ... 338 (1994) 166
Brock, R., see DØ Collaboration ... 338 (1994) 185
Bronner, W., see Bertuccio, G. ... 338 (1994) 582
Brooks, C.B., see Foster, B. ... 338 (1994) 254
Bross, A., see DØ Collaboration ... 338 (1994) 185
Brückner, W., see Barber, D.P. ... 338 (1994) 166
Bruno, M., see Mastinu, P.F. ... 338 (1994) 419
Buchholz, D., see DØ Collaboration ... 338 (1994) 185
Budziak, A.P., see Adam, W. ... 338 (1994) 284

Buénerd, M., see Ballon, J. ... 338 (1994) 310
Buesseler, K.O., see Waser, N.A. ... 338 (1994) 560
Bührer, W., Triple-axis instrument with doubly focusing ("zoom") monochromator and horizontally focusing analyser: seven years experience ... 338 (1994) 44
Bullock, F.W., see Foster, B. ... 338 (1994) 254
Burger, W.J., see DiBitonto, D. ... 338 (1994) 404
Burtovoy, V., see DØ Collaboration ... 338 (1994) 185
Butler, J.M., see DØ Collaboration ... 338 (1994) 185

Callot, O., see DØ Collaboration ... 338 (1994) 185
Caloba, L.P., see Adam, W. ... 338 (1994) 284
Cameron, J.M., see Eden, T. ... 338 (1994) 432
Carecchio, P., see Adam, W. ... 338 (1994) 284
Carlile, C.J., M.A. Adams, P.S.R. Krishna, M. Prager, K. Shibata and P. Westerhuijs, Less background, better contrast by cooling analyser crystals ... 338 (1994) 78
Carroll, J.J., see von Neumann-Cosel, P. ... 338 (1994) 425
Cashmore, R.J., see Foster, B. ... 338 (1994) 254
Cavalli, P., see Adam, W. ... 338 (1994) 284
Ceelie, L., see Adam, W. ... 338 (1994) 284
Centro, S., A simple way of connecting front-end amplifiers to ionisation chamber detectors ... 338 (1994) 455
Cereseto, R., see Adam, W. ... 338 (1994) 284
Cerutti, G., see Adam, W. ... 338 (1994) 284
Chakraborty, D., see DØ Collaboration ... 338 (1994) 185
Chaouki, J., see Larachi, F. ... 338 (1994) 568
Chauvin, J., see Ballon, J. ... 338 (1994) 310
Chehab, R., see Baier, V.N. ... 338 (1994) 156
Chekulaev, S., see DØ Collaboration ... 338 (1994) 185
Chen, D., see Aprile, E. ... 338 (1994) 328
Chen, J., see DØ Collaboration ... 338 (1994) 185
Chen, L.-P., see DØ Collaboration ... 338 (1994) 185
Chen, W., see DØ Collaboration ... 338 (1994) 185
Cheung, S., see Vogt, T. ... 338 (1994) 71
Choudhary, B.C., see DØ Collaboration ... 338 (1994) 185
Christenson, J.H., see DØ Collaboration ... 338 (1994) 185
Claes, D., see DØ Collaboration ... 338 (1994) 185
Clark, A.R., see DØ Collaboration ... 338 (1994) 185
Clark, D.E., see Foster, B. ... 338 (1994) 254
Cleland, W.E. and E.G. Stern, Signal processing considerations for liquid ionization calorimeters in a high rate environment ... 338 (1994) 467
Cobau, W.G., see DØ Collaboration ... 338 (1994) 185
Cochran, J., see DØ Collaboration ... 338 (1994) 185
Collins, C.B., see von Neumann-Cosel, P. ... 338 (1994) 425
Cooper, W.E., see DØ Collaboration ... 338 (1994) 185
Cretsinger, C., see DØ Collaboration ... 338 (1994) 185
Cullen-Vidal, D., see DØ Collaboration ... 338 (1994) 185
Cummings, M., see DØ Collaboration ... 338 (1994) 185
Cutts, D., see DØ Collaboration ... 338 (1994) 185

D'Agostino, M., see Mastinu, P.F. ... 338 (1994) 419
Dahl-Jensen, E., see Adam, W. ... 338 (1994) 284
Dahl, O.I., see DØ Collaboration ... 338 (1994) 185
Dam, Ph., see Adam, W. ... 338 (1994) 284
D'Ambrosio, C., T. Gys, H. Leutz, D. Piedigrossi, D. Puertolas and S. Tailhardat, Photon counting with a hybrid photomultiplier tube (HPMT) ... 338 (1994) 389
Damgaard, G., see Adam, W. ... 338 (1994) 284
Daniels, B., see DØ Collaboration ... 338 (1994) 185
D'Auria, S., see Bencivelli, W. ... 338 (1994) 549
De, K., see DØ Collaboration ... 338 (1994) 185
De Geronimo, G., see Bertuccio, G. ... 338 (1994) 582
de Koning, N., see Adam, W. ... 338 (1994) 284
de la Vega, A.S., see Adam, W. ... 338 (1994) 284

De Ponti, E., see Birattari, C. 338 (1994) 534
De Zorzi, G., see Asmone, A. 338 (1994) 398
Del Papa, C., see Bencivelli, W. 338 (1994) 549
Demarteau, M., see DØ Collaboration 338 (1994) 185
Denisenko, K., see DØ Collaboration 338 (1994) 185
Denisenko, N., see DØ Collaboration 338 (1994) 185
Denisov, D., see DØ Collaboration 338 (1994) 185
Denisov, S., see DØ Collaboration 338 (1994) 185
Dharmaratna, W., see DØ Collaboration 338 (1994) 185
Diambrini Palazzi, G., see Asmone, A. 338 (1994) 398
Di Cosimo, G., see Asmone, A. 338 (1994) 398
Di Domenico, A., see Asmone, A. 338 (1994) 398
DiBitonto, D., T. Pennington, K. Subhani, G. Ambrosi, M. Biasini, E. Babucci, R. Battiston, S. Easo, V. Krastev, M. Pauluzzi, A. Santocchia, W.J. Burger and G. Matay, Ultra-thin, high-precision flex cable for the L3 Silicon Microvertex Detector 338 (1994) 404
Diehl, H.T., see DØ Collaboration 338 (1994) 185
Diesburg, M., see DØ Collaboration 338 (1994) 185
Dimitriou, N., see Adam, W. 338 (1994) 284
Dixon, R., see DØ Collaboration 338 (1994) 185
Dobbins, J.A., see Bebek, C.J. 338 (1994) 447
DØ Collaboration, S. Abachi, M. Abolins, B.S. Acharya, I. Adam, S. Ahn, H. Aihara, G. Alvarez, G.A. Alves, N. Amos, W. Anderson, Yu. Antipov, S.H. Aronson, R. Astur, R.E. Avery, A. Baden, J. Balderston, B. Baldin, J. Bantly, E. Barasch, J.F. Bartlett, K. Bazizi, T. Behnke, V. Bezzubov, P.C. Bhat, G. Blazey, S. Blessing, A. Boehnlein, F. Borcherding, J. Borders, N. Bozko, A. Brandt, R. Brock, A. Bross, D. Buchholz, V. Burtovoy, J.M. Butler, O. Callot, D. Chakraborty, S. Chekulaev, J. Chen, L.-P. Chen, W. Chen, B.C. Choudhary, J.H. Christenson, D. Claes, A.R. Clark, W.G. Cobau, J. Cochran, W.E. Cooper, C. Cretsinger, D. Cullen-Vidal, M. Cummings, D. Cutts, O.I. Dahl, B. Daniels, K. De, M. Demarteau, K. Denisenko, N. Denisenko, D. Denisov, S. Denisov, W. Dharmaratna, H.T. Diehl, M. Diesburg, R. Dixon, P. Draper, Y. Ducros, S. Durston-Johnson, D. Eartly, P.H. Eberhard, D. Edmunds, A. Efimov, J. Ellison, V.D. Elvira, R. Engelmann, O. Eroshin, V. Evdokimov, S. Fahey, G. Fanourakis, M. Fatyga, J. Featherly, S. Feher, D. Fein, T. Ferbel, D. Finley, G. Finocchiaro, H.E. Fisk, E. Flattum, G.E. Forden, M. Fortner, P. Franzini, S. Fuess, E. Gallas, C.S. Gao, T.L. Geld, K. Genser, C.E. Gerber, B. Gibbard, V. Glebov, J.F. Glicenstein, B. Gobbi, M. Goforth, M.L. Good, F. Goozen, H. Gordon, N. Graf, P.D. Grannis, D.R. Green, J. Green, H. Greenlee, N. Grossman, P. Grudberg, J.A. Guida, J.M. Guida, W. Guryn, N.J. Hadley, H. Haggerty, S. Hagopian, V. Hagopian, R.E. Hall, S. Hansen, J. Hauptman, D. Hedin, A.P. Heinson, U. Heintz, T. Heuring, R. Hirosky, K. Hodel, J.S. Hoftun, J.R. Hubbard, T. Huehn, R. Huson, S. Igarashi, A.S. Ito, E. James, J. Jiang, K. Johns, C.R. Johnson, M. Johnson, A. Jonckheere, M. Jones, H. Jöstlein, C.K. Jung, S. Kahn, S. Kanekal, A. Kernan, L. Kerth, A. Kirunin, A. Klatchko, B. Klima, B. Klochkov, C. Klopfenstein, V. Klyukhin, V. Kochetkov, J.M. Kohli, W. Kononenko, J. Kotcher, I. Kotov, J. Kourlas, A. Kozelov, E. Kozlovsky, G. Krafczyk, K. Krempetz, M.R. Krishnaswamy, P. Kroon, S. Krzywdzinski, S. Kunori, S. Lami, G. Landsberg, R.E. Lanou, P. Laurens, J. Lee-Franzini, J. Li, R. Li, Q.Z. Li-Demarteau, J.G.R. Lima, S.L. Linn, J. Linnemann, R. Lipton, Y.-C. Liu, D. Lloyd-Owen, F. Lobkowicz, S.C. Loken, S. Lokos, L. Lueking, A.K.A. Maciel, R.J. Madaras, R. Madden, E. Malamud, Ph. Mangeot, I. Manning, B. Mansoulié, V. Manzella, H.-S. Mao, M. Marcin, L. Markosky, T. Marshall, H.J. Martin, M.I. Martin, P.S. Martin, M. Marx, B. May, A. Mayorov, R. McCarthy, J. McKinley, D. Mendoza, X.-C. Meng, K.W. Merritt, A. Milder, A. Mincer, N.K. Mondal, M. Montag, P. Mooney, M. Mudan, G.T. Mulholland, C. Murphy, C.T. Murphy, F. Nang, M. Narain, V.S. Narasimham, H.A. Neal, P. Nemethy, D. Nešić, K.K. Ng, D. Norman, L. Oesch, V. Oguri, E. Oltman, N. Oshima, D. Owen, M. Pang, A. Para, C.H. Park, R. Partridge, M. Paterno, A. Peryshkin, M. Peters, B. Pi, H. Piekarz, Yu. Pischalnikov, D. Pizzuto, A. Pluquet, V. Podstavkov, B.G. Pope, H.B. Prosper, S. Protopopescu, Y.-K. Que, P.Z. Quintas, G. Rahal-Callot, R. Raja, S. Rajagopalan, M.V.S. Rao, L. Rasmussen, A.L. Read, T. Regan, S. Repond, V. Riadovikov, M. Rijssenbeek, N.A. Roe, P. Rubinov, J. Rutherfoord, A. Santoro, L. Sawyer, R.D. Schamberger, J. Sculli, W. Selove, M. Shea, A. Shkurenkov, M. Shupe, J.B. Singh, V. Sirotenko, W. Smart, A. Smith, D. Smith, R.P. Smith, G.R. Snow, S. Snyder, M. Sosebee, M. Souza, A.L. Spadafora, S. Stampke, R. Stephens, M.L. Stevenson, D. Stewart, F. Stocker, D. Stoyanova, H. Stredde, K. Streets, M. Strovink, A. Suhanov, A. Taketani, M. Tartaglia, J.D. Taylor, J. Teiger, G. Theodosiou, J. Thompson, S. Tisserant, T.G. Trippe, P.M. Tuts, R. Van Berg, M. Vaz, P.R. Vishwanath, A. Volkov, A. Vorobiev, H.D. Wahl, D.-C. Wang, L.-Z. Wang, H. Weerts, W.A. Wenzel, A. White, J.T. White, J. Wightman, S. Willis, S.J. Wimpenny, Z. Wolf, J. Womersley, D.R. Wood, Y. Xia, D. Xiao, P. Xie, H. Xu, R. Yamada, P. Yamin, C. Yanagisawa, J. Yang, M.-J. Yang, C. Yoshikawa, S. Youssef, J. Yu, R. Zeller, S. Zhang, Y.H. Zhou, Q. Zhu, Y.-S. Zhu, D. Zieminska, A. Zieminski, A. Zinchenko and A. Zylberstejn, The DØ detector 338 (1994) 185

Doll, C., see Magerl, A. 338 (1994) 83
Dorner, B., Comparison of gradient and mosaic crystals by means of *k*-distributions in reciprocal space 338 (1994) 33
Draper, P., see DØ Collaboration 338 (1994) 185
Ducros, Y., see DØ Collaboration 338 (1994) 185
Dulinski, W., see Adam, W. 338 (1994) 284
Dumper, J., see Foster, B. 338 (1994) 254
Düren, M., see Barber, D.P. 338 (1994) 166
Durston-Johnson, S., see DØ Collaboration 338 (1994) 185

Eartly, D., see DØ Collaboration 338 (1994) 185
Easo, S., see DiBitonto, D. 338 (1994) 404
Eberhard, P.H., see DØ Collaboration 338 (1994) 185
Eden, T., R. Madey, W.-M. Zhang, B.D. Anderson, A.R. Baldwin, J.M. Cameron, J.M. Finn, C.C. Foster, J.J. Kelly, S. Kowalski, R. Lourie, P. Markowitz, B. Ni, P.J. Pella, J. Schambach, M. Spraker, E. Steinfelds, E.J. Stephenson and J.W. Watson, Performance of a neutron polarimeter to measure the electric form factor of the neutron 338 (1994) 432
Edmunds, D., see DØ Collaboration 338 (1994) 185
Eek, L-O., see Adam, W. 338 (1994) 284
Efimov, A., see DØ Collaboration 338 (1994) 185
Ekelöf, T., see Adam, W. 338 (1994) 284
Ellison, J., see DØ Collaboration 338 (1994) 185
Elvira, V.D., see DØ Collaboration 338 (1994) 185
Engelmann, R., see DØ Collaboration 338 (1994) 185
Erikson, J., see Adam, W. 338 (1994) 284
Eroshin, O., see DØ Collaboration 338 (1994) 185
Esposito, A., see Birattari, C. 338 (1994) 534
Evdokimov, V., see DØ Collaboration 338 (1994) 185

Fahey, S., see DØ Collaboration 338 (1994) 185
Fanourakis, G., see DØ Collaboration 338 (1994) 185
Fantacci, M.E., see Bencivelli, W. 338 (1994) 549
Fatyga, M., see DØ Collaboration 338 (1994) 185
Featherly, J., see DØ Collaboration 338 (1994) 185
Feher, S., see DØ Collaboration 338 (1994) 185
Fein, D., see DØ Collaboration 338 (1994) 185
Ferbel, T., see DØ Collaboration 338 (1994) 185
Ferrari, A., see Birattari, C. 338 (1994) 534
Ferrero, J.L., see Roldán, C. 338 (1994) 506
Festinesi, A., see Asmone, A. 338 (1994) 398
Feye-Treimer, U., see Treimer, W. 338 (1994) 116
Finley, D., see DØ Collaboration 338 (1994) 185
Finn, J.M., see Eden, T. 338 (1994) 432
Finocchiaro, G., see DØ Collaboration 338 (1994) 185
Fischer, H.G., see Algeri, A. 338 (1994) 348
Fisk, H.E., see DØ Collaboration 338 (1994) 185
Flattum, E., see DØ Collaboration 338 (1994) 185
Fleer, A.P., see Waser, N.A. 338 (1994) 560
Florek, A., see Adam, W. 338 (1994) 284
Florek, B., see Adam, W. 338 (1994) 284
Fontanelli, F., see Adam, W. 338 (1994) 284
Fontenille, A., see Adam, W. 338 (1994) 284
Forden, G.E., see DØ Collaboration 338 (1994) 185
Fortner, M., see DØ Collaboration 338 (1994) 185
Foster, B., J. Malos, D.H. Saxon, D.E. Clark, A.K. Jamdagni, C. Markou, D.B. Miller, D.G. Miller, L.W. Toudup, C.G. Auty, G.A. Blair, C.B. Brooks, R.J. Cashmore, A.T. Hanford, N. Harnew, A.R. Holmes, W. Linford, N.C. Martin, I.C. McArthur, J. Nash, K.N. Nobbs, R.L. Wastie, M.T. Williams, F.F. Wilson, R.D. Wilson, J.C. Hart, R.W. Hatley, J.W. Hiddleston, M.D. Gibson, N.A. McCubbin, A. Middleton, M.C. Morrissey, D. Morrow, P. O'Brien, B.T. Payne, J.C.H. Roberts, T.B. Shaw, C.K. Sinclair, E.W.G. Wallis, D.J. White, K.L. Yeo, F.W. Bullock, J. Dumper, T.J. Fraser, D. Hayes, T.W. Jones, D.E. Strachan and I.A. Vine, The design and construction of the ZEUS central tracking detector 338 (1994) 254

Foster, B., Erratum to "The design, status and performance of the ZEUS central tracking detector electronics" by D.G. Cussans et al. [Nucl. Instr. and Meth. A 315 (1992) 397–403] 338 (1994) 585
Foster, C.C., see Eden, T. 338 (1994) 432
Franzini, P., see DØ Collaboration 338 (1994) 185
Fraser, T.J., see Foster, B. 338 (1994) 254
Fuess, S., see DØ Collaboration 338 (1994) 185
Furlan, M., K. Borer, A. Gabutti and S. Janos, Phase transition time measurements of superheated superconducting granules 338 (1994) 544

Gabriel, T.A., D.E. Groom, P.K. Job, N.V. Mokhov and G.R. Stevenson, Energy dependence of hadronic activity 338 (1994) 336
Gabutti, A., see Furlan, M. 338 (1994) 544
Gallas, E., see DØ Collaboration 338 (1994) 185
Galuszka, K., see Adam, W. 338 (1994) 284
Gao, C.S., see DØ Collaboration 338 (1994) 185
Garcia, J., see Adam, W. 338 (1994) 284
Garufi, F., see Asmone, A. 338 (1994) 398
Gauzzi, P., see Asmone, A. 338 (1994) 398
Geld, T.L., see DØ Collaboration 338 (1994) 185
Genser, K., see DØ Collaboration 338 (1994) 185
Gerber, C.E., see DØ Collaboration 338 (1994) 185
Gianfelice-Wendt, E., see Barber, D.P. 338 (1994) 166
Gibbard, B., see DØ Collaboration 338 (1994) 185
Gibson, M.D., see Foster, B. 338 (1994) 254
Glebov, V., see DØ Collaboration 338 (1994) 185
Glicenstein, J.F., see DØ Collaboration 338 (1994) 185
Gobbi, B., see DØ Collaboration 338 (1994) 185
Goforth, M., see DØ Collaboration 338 (1994) 185
Goldberg, V.Z., see Källman, K.-M. 338 (1994) 413
Good, M.L., see DØ Collaboration 338 (1994) 185
Goozen, F., see DØ Collaboration 338 (1994) 185
Gordon, H., see DØ Collaboration 338 (1994) 185
Gracco, V., see Adam, W. 338 (1994) 284
Graf, H.A., see Lechner, R.E. 338 (1994) 65
Graf, N., see DØ Collaboration 338 (1994) 185
Grannis, P.D., see DØ Collaboration 338 (1994) 185
Green, D.R., see DØ Collaboration 338 (1994) 185
Green, J., see DØ Collaboration 338 (1994) 185
Greenlee, H., see DØ Collaboration 338 (1994) 185
Groom, D.E., see Gabriel, T.A. 338 (1994) 336
Grossman, N., see DØ Collaboration 338 (1994) 185
Grudberg, P., see DØ Collaboration 338 (1994) 185
Guida, J.A., see DØ Collaboration 338 (1994) 185
Guida, J.M., see DØ Collaboration 338 (1994) 185
Guryn, W., see DØ Collaboration 338 (1994) 185
Gutsche, M., see Jochum, J. 338 (1994) 458
Gys, T., see D'Ambrosio, C. 338 (1994) 389

Hadley, N.J., see DØ Collaboration 338 (1994) 185
Haggerty, H., see DØ Collaboration 338 (1994) 185
Hagopian, S., see DØ Collaboration 338 (1994) 185
Hagopian, V., see DØ Collaboration 338 (1994) 185
Hahn, K., Three dimensional multipole decomposition of fields 338 (1994) 161
Hall, R.E., see DØ Collaboration 338 (1994) 185
Hallgren, A., see Adam, W. 338 (1994) 284
Hammar, T.R., see Waser, N.A. 338 (1994) 560
Hanford, A.T., see Foster, B. 338 (1994) 254
Hansen, S., see DØ Collaboration 338 (1994) 185
Hao, W., see Adam, W. 338 (1994) 284
Harnew, N., see Foster, B. 338 (1994) 254
Hart, J.C., see Foster, B. 338 (1994) 254

Hartley, B.M., The real-time fitting of radioactive decay curves. 2. Application 338 (1994) 556
Hatley, R.W., see Foster, B. 338 (1994) 254
Hauptman, J., see DØ Collaboration 338 (1994) 185
Hayes, D., see Foster, B. 338 (1994) 254
Hedin, D., see DØ Collaboration 338 (1994) 185
Heinson, A.P., see DØ Collaboration 338 (1994) 185
Heintz, U., see DØ Collaboration 338 (1994) 185
Henkes, T., see Adam, W. 338 (1994) 284
Heuring, T., see DØ Collaboration 338 (1994) 185
Hiddleston, J.W., see Foster, B. 338 (1994) 254
Hirning, C.R., see Horowitz, Y.S. 338 (1994) 522
Hirosky, R., see DØ Collaboration 338 (1994) 185
Hock, R. and J. Kulda, Monte Carlo simulations of neutron backscattering from vibrating silicon crystals 338 (1994) 38
Hodel, K., see DØ Collaboration 338 (1994) 185
Höfer, A., see Treimer, W. 338 (1994) 116
Hoftun, J.S., see DØ Collaboration 338 (1994) 185
Holmes, A.R., see Foster, B. 338 (1994) 254
Holmgren, S-O., see Algeri, A. 338 (1994) 348
Honscheid, K., see Bebek, C.J. 338 (1994) 447
Horowitz, Y.S., C.R. Hirning, P. Yuen and M. Aikens, Beta ray spectroscopy based on a plastic scintillation detector/silicon surface barrier detector coincidence telescope 338 (1994) 522
Hostachy, J.Y., see Ballon, J. 338 (1994) 310
Hubbard, J.R., see DØ Collaboration 338 (1994) 185
Huehn, T., see DØ Collaboration 338 (1994) 185
Huson, R., see DØ Collaboration 338 (1994) 185
Huxel, N., see von Neumann-Cosel, P. 338 (1994) 425

Igarashi, S., see DØ Collaboration 338 (1994) 185
Ioniţă, I., see Popovici, M. 338 (1994) 99
Isenhower, D., see Adam, W. 338 (1994) 284
Ito, A.S., see DØ Collaboration 338 (1994) 185

Jamdagni, A.K., see Foster, B. 338 (1994) 254
James, E., see DØ Collaboration 338 (1994) 185
Janos, S., see Furlan, M. 338 (1994) 544
Jiang, J., see DØ Collaboration 338 (1994) 185
Jianzhong Ni, see Jichun Yang 338 (1994) 498
Jichun Yang, and Jianzhong Ni, Analysis technique of multiplet alpha spectra 338 (1994) 498
Job, P.K., see Gabriel, T.A. 338 (1994) 336
Jochum, J., H. Kraus, M. Gutsche, B. Kemmather, F. v. Feilitzsch and R.L. Mössbauer, Electronic noise of superconducting tunnel junction detectors 338 (1994) 458
Johansson, H., see Adam, W. 338 (1994) 284
Johns, K., see DØ Collaboration 338 (1994) 185
Johnson, C.R., see DØ Collaboration 338 (1994) 185
Johnson, M., see DØ Collaboration 338 (1994) 185
Jonckheere, A., see DØ Collaboration 338 (1994) 185
Jones, M., see DØ Collaboration 338 (1994) 185
Jones, T.W., see Foster, B. 338 (1994) 254
Jöstlein, H., see DØ Collaboration 338 (1994) 185
Jung, C.K., see DØ Collaboration 338 (1994) 185
Jungclaus, A. and H.G. Börner, High resolution gamma spectroscopy with ideal crystals 338 (1994) 120

Kahn, S., see DØ Collaboration 338 (1994) 185
Kaiser, R., see Barber, D.P. 338 (1994) 166
Källman, K.-M., V.Z. Goldberg, T. Lönnroth, P. Manngård, A.E. Pakhomov and V.V. Pankratov, Thick-target backscattering technique to measure α-particle elastic scattering cross sections 338 (1994) 413
Kanekal, S., see DØ Collaboration 338 (1994) 185
Karvelas, E., see Adam, W. 338 (1994) 284
Kasper, F.-J., see Lechner, R.E. 338 (1994) 65
Katkov, V.M., see Baier, V.N. 338 (1994) 156
Kelly, J.J., see Eden, T. 338 (1994) 432

Kemmather, B., see Jochum, J. 338 (1994) 458
Kennedy, G., see Larachi, F. 338 (1994) 568
Kernan, A., see DØ Collaboration 338 (1994) 185
Kerth, L., see DØ Collaboration 338 (1994) 185
Kindblom, P., see Adam, W. 338 (1994) 284
Kirunin, A., see DØ Collaboration 338 (1994) 185
Klanner, R., see Barber, D.P. 338 (1994) 166
Klatchko, A., see DØ Collaboration 338 (1994) 185
Klima, B., see DØ Collaboration 338 (1994) 185
Klochkov, B., see DØ Collaboration 338 (1994) 185
Klopfenstein, C., see DØ Collaboration 338 (1994) 185
Klyukhin, V., see DØ Collaboration 338 (1994) 185
Kochetkov, V., see DØ Collaboration 338 (1994) 185
Koene, B., see Adam, W. 338 (1994) 284
Kohli, J.M., see DØ Collaboration 338 (1994) 185
Kononenko, W., see DØ Collaboration 338 (1994) 185
Korporaal, A., see Adam, W. 338 (1994) 284
Korytov, A., E. Nehrlich, L.S. Osborne, B. Rosenberg, L. Rosenson, G.D. Ross, J. Sears, F.E. Taylor, R. Verdier and B. Wadsworth, Performance of limited streamer drift tubes 338 (1994) 375
Kostarakis, P., see Adam, W. 338 (1994) 284
Kotcher, J., see DØ Collaboration 338 (1994) 185
Kotov, I., see DØ Collaboration 338 (1994) 185
Kourlas, J., see DØ Collaboration 338 (1994) 185
Kowalski, S., see Eden, T. 338 (1994) 432
Kozelov, A., see DØ Collaboration 338 (1994) 185
Kozlovsky, E., see DØ Collaboration 338 (1994) 185
Krafczyk, G., see DØ Collaboration 338 (1994) 185
Krastev, V., see DiBitonto, D. 338 (1994) 404
Kraus, H., see Jochum, J. 338 (1994) 458
Krempetz, K., see DØ Collaboration 338 (1994) 185
Krishna, P.S.R., see Carlile, C.J. 338 (1994) 78
Krishnaswamy, M.R., see DØ Collaboration 338 (1994) 185
Kroon, P., see DØ Collaboration 338 (1994) 185
Krüger, E., see Scherm, R.H. 338 (1994) 1
Krzywdzinski, S., see DØ Collaboration 338 (1994) 185
Kulda, J., see Mikula, P. 338 (1994) 18
Kulda, J., see Hock, R. 338 (1994) 38
Kulda, J., V. Wagner, P. Mikula and J. Šaroun, Comparative tests of neutron monochromators using elastically bent silicon and mosaic crystals 338 (1994) 60
Kulda, J., see Vrána, M. 338 (1994) 125
Kunori, S., see DØ Collaboration 338 (1994) 185

Laâmyem, M., see Ballon, J. 338 (1994) 310
Lami, S., see DØ Collaboration 338 (1994) 185
Landsberg, G., see DØ Collaboration 338 (1994) 185
Lanou, R.E., see DØ Collaboration 338 (1994) 185
Larachi, F., G. Kennedy and J. Chaouki, A γ-ray detection system for 3-D particle tracking in multiphase reactors 338 (1994) 568
Laurens, P., see DØ Collaboration 338 (1994) 185
Lauxtermann, S., see Bertuccio, G. 338 (1994) 582
Law, R., see Popovici, M. 338 (1994) 99
Lechner, R.E., R. v. Wallpach, H.A. Graf, F.-J. Kasper and L. Mokrani, A monochromator with variable horizontal and vertical curvatures for focussing in real and reciprocal space 338 (1994) 65
Lee-Franzini, J., see DØ Collaboration 338 (1994) 185
Lenzen, G., see Adam, W. 338 (1994) 284
Leutz, H., see D'Ambrosio, C. 338 (1994) 389
Lewin, H.-Ch., see Barber, D.P. 338 (1994) 166
Li-Demarteau, Q.Z., see DØ Collaboration 338 (1994) 185
Li, J., see DØ Collaboration 338 (1994) 185
Li, R., see DØ Collaboration 338 (1994) 185
Lienert, U., see Suortti, P. 338 (1994) 27

Lima, J.G.R., see DØ Collaboration ... 338 (1994) 185
Lindqvist, L.-E., see Adam, W. ... 338 (1994) 284
Linford, W., see Foster, B. ... 338 (1994) 254
Linn, S.L., see DØ Collaboration ... 338 (1994) 185
Linnemann, J., see DØ Collaboration ... 338 (1994) 185
Lipton, R., see DØ Collaboration ... 338 (1994) 185
Liss, K.-D., see Magerl, A. ... 338 (1994) 83
Liss, K.-D. and A. Magerl, Can a gradient crystal compete with a mosaic crystal as a monochromator in neutron- or X-ray diffraction? ... 338 (1994) 90
Liu, Y.-C., see DØ Collaboration ... 338 (1994) 185
Lloyd-Owen, D., see DØ Collaboration ... 338 (1994) 185
Lobkowicz, F., see DØ Collaboration ... 338 (1994) 185
Loken, S.C., see DØ Collaboration ... 338 (1994) 185
Lokos, S., see DØ Collaboration ... 338 (1994) 185
Lomperski, M., see Barber, D.P. ... 338 (1994) 166
Longoni, A., see Bertuccio, G. ... 338 (1994) 582
Lönnroth, T., see Källman, K.-M. ... 338 (1994) 413
Lorenz, P., see Adam, W. ... 338 (1994) 284
Loukas, D., see Adam, W. ... 338 (1994) 284
Lourie, R., see Eden, T. ... 338 (1994) 432
Lueking, L., see DØ Collaboration ... 338 (1994) 185
Lukáš, P., see Mikula, P. ... 338 (1994) 18
Lukáš, P., P. Mikula, J. Šaroun and P. Strunz, Double bent crystal diffractometer for SANS experiments ... 338 (1994) 111
Lukas, P., see Wagner, V. ... 338 (1993) 53
Lukáš, P., see Vrána, M. ... 338 (1994) 125
Lund-Jensen, B., see Adam, W. ... 338 (1994) 284

Maciel, A.K.A., see DØ Collaboration ... 338 (1994) 185
Madar, R., see Magerl, A. ... 338 (1994) 83
Madaras, R.J., see DØ Collaboration ... 338 (1994) 185
Madden, R., see DØ Collaboration ... 338 (1994) 185
Madey, R., see Eden, T. ... 338 (1994) 432
Magerl, A., K.-D. Liss, C. Doll, R. Madar and E. Steichele, Will gradient crystals become available for neutron diffraction? ... 338 (1994) 83
Magerl, A., see Liss, K.-D. ... 338 (1994) 90
Malamud, E., see DØ Collaboration ... 338 (1994) 185
Malos, J., see Foster, B. ... 338 (1994) 254
Maltezos, A., see Adam, W. ... 338 (1994) 284
Manduci, L., see Mastinu, P.F. ... 338 (1994) 419
Mangeot, Ph., see DØ Collaboration ... 338 (1994) 185
Manngård, P., see Källman, K.-M. ... 338 (1994) 413
Manning, I., see DØ Collaboration ... 338 (1994) 185
Mansoulié, B., see DØ Collaboration ... 338 (1994) 185
Manzella, V., see DØ Collaboration ... 338 (1994) 185
Mao, H.-S., see DØ Collaboration ... 338 (1994) 185
Marcin, M., see DØ Collaboration ... 338 (1994) 185
Markosky, L., see DØ Collaboration ... 338 (1994) 185
Markou, A., see Adam, W. ... 338 (1994) 284
Markou, C., see Foster, B. ... 338 (1994) 254
Markowitz, P., see Eden, T. ... 338 (1994) 432
Marshall, T., see DØ Collaboration ... 338 (1994) 185
Martin, H.J., see DØ Collaboration ... 338 (1994) 185
Martin, M.I., see DØ Collaboration ... 338 (1994) 185
Martin, N.C., see Foster, B. ... 338 (1994) 254
Martin, Ph., see Ballon, J. ... 338 (1994) 310
Martin, P.S., see DØ Collaboration ... 338 (1994) 185
Marx, M., see DØ Collaboration ... 338 (1994) 185
Mastinu, P.F., P.M. Milazzo, M. Bruno, M. D'Agostino and L. Manduci, Calibration of CsI(Tl) scintillators for heavy ions ($3 \leqslant Z \leqslant 54$) in a wide energy range ($E/u \leqslant 60$ MeV/u) ... 338 (1994) 419
Matay, G., see DiBitonto, D. ... 338 (1994) 404
Mattsson, L., see Adam, W. ... 338 (1994) 284

May, B., see DØ Collaboration ... 338 (1994) 185
Mayorov, A., see DØ Collaboration ... 338 (1994) 185
McArthur, I.C., see Foster, B. ... 338 (1994) 254
McCarthy, R., see DØ Collaboration ... 338 (1994) 185
McCubbin, N.A., see Foster, B. ... 338 (1994) 254
McKinley, J., see DØ Collaboration ... 338 (1994) 185
Medbo, J., see Adam, W. ... 338 (1994) 284
Mendoza, D., see DØ Collaboration ... 338 (1994) 185
Meng, X.-C., see DØ Collaboration ... 338 (1994) 185
Merritt, K.W., see DØ Collaboration ... 338 (1994) 185
Mestnik Filho, J. and J.I. Moura, An alternative method for computing the influence of multiphonon processes in the inelastic scattering of neutrons. Application to metal hydrides ... 338 (1994) 442
Meyners, N., see Barber, D.P. ... 338 (1994) 166
Michalowski, J., see Adam, W. ... 338 (1994) 284
Middleton, A., see Foster, B. ... 338 (1994) 254
Mikula, P., J. Kulda, P. Lukáš, M. Vrána and V. Wagner, Bent perfect crystals in asymmetric diffraction geometry in neutron scattering experiments ... 338 (1994) 18
Mikula, P., see Wagner, V. ... 338 (1993) 53
Mikula, P., see Kulda, J. ... 338 (1994) 60
Mikula, P., see Lukáš, P. ... 338 (1994) 111
Mikula, P., see Vrána, M. ... 338 (1994) 125
Milazzo, P.M., see Mastinu, P.F. ... 338 (1994) 419
Milder, A., see DØ Collaboration ... 338 (1994) 185
Miller, D.B., see Foster, B. ... 338 (1994) 254
Miller, D.G., see Foster, B. ... 338 (1994) 254
Mincer, A., see DØ Collaboration ... 338 (1994) 185
Mokhov, N.V., see Gabriel, T.A. ... 338 (1994) 336
Mokrani, L., see Lechner, R.E. ... 338 (1994) 65
Mondal, N.K., see DØ Collaboration ... 338 (1994) 185
Montag, M., see DØ Collaboration ... 338 (1994) 185
Montano, F., see Adam, W. ... 338 (1994) 284
Mooney, P., see DØ Collaboration ... 338 (1994) 185
Morrissey, M.C., see Foster, B. ... 338 (1994) 254
Morrow, D., see Foster, B. ... 338 (1994) 254
Mössbauer, R.L., see Jochum, J. ... 338 (1994) 458
Moura, J.I., see Mestnik Filho, J. ... 338 (1994) 442
Mudan, M., see DØ Collaboration ... 338 (1994) 185
Mukherjee, R., see Aprile, E. ... 338 (1994) 328
Mulholland, G.T., see DØ Collaboration ... 338 (1994) 185
Murphy, C., see DØ Collaboration ... 338 (1994) 185
Murphy, C.T., see DØ Collaboration ... 338 (1994) 185
Mutka, H., Coupled time and space focusing for time-of-flight inelastic scattering ... 338 (1994) 144

Nang, F., see DØ Collaboration ... 338 (1994) 185
Narain, M., see DØ Collaboration ... 338 (1994) 185
Narasimham, V.S., see DØ Collaboration ... 338 (1994) 185
Nash, J., see Foster, B. ... 338 (1994) 254
Navarro, E., see Ferrero, C.R.J.L. ... 338 (1994) 506
Neal, H.A., see DØ Collaboration ... 338 (1994) 185
Negrazus, M., see Blokesch, G. ... 338 (1994) 151
Nehrlich, E., see Korytov, A. ... 338 (1994) 375
Nemethy, P., see DØ Collaboration ... 338 (1994) 185
Nešić, D., see DØ Collaboration ... 338 (1994) 185
Ng, K.K., see DØ Collaboration ... 338 (1994) 185
Ni, B., see Eden, T. ... 338 (1994) 432
Nielsen, B.S., see Adam, W. ... 338 (1994) 284
Nobbs, K.N., see Foster, B. ... 338 (1994) 254
Norman, D., see DØ Collaboration ... 338 (1994) 185
Nowak, W.-D., see Barber, D.P. ... 338 (1994) 166

O'Brien, P., see Foster, B. ... 338 (1994) 254
Oesch, L., see DØ Collaboration ... 338 (1994) 185

Oguri, V., see DØ Collaboration ... 338 (1994) 185
Oltman, E., see DØ Collaboration ... 338 (1994) 185
Osborne, L.S., see Korytov, A. ... 338 (1994) 375
Oshima, N., see DØ Collaboration ... 338 (1994) 185
Ostler, J.M., see Adam, W. ... 338 (1994) 284
Owen, D., see DØ Collaboration ... 338 (1994) 185

Pakhomov, A.E., see Källman, K.-M. ... 338 (1994) 413
Pakonski, K., see Adam, W. ... 338 (1994) 284
Pang, M., see DØ Collaboration ... 338 (1994) 185
Pankratov, V.V., see Källman, K.-M. ... 338 (1994) 413
Para, A., see DØ Collaboration ... 338 (1994) 185
Park, C.H., see DØ Collaboration ... 338 (1994) 185
Partridge, R., see DØ Collaboration ... 338 (1994) 185
Passell, L., see Vogt, T. ... 338 (1994) 71
Patel, P.M., see Barber, D.P. ... 338 (1994) 166
Paterno, M., see DØ Collaboration ... 338 (1994) 185
Pauluzzi, M., see DiBitonto, D. ... 338 (1994) 404
Payne, B.T., see Foster, B. ... 338 (1994) 254
Pella, P.J., see Eden, T. ... 338 (1994) 432
Pelliccioni, M., see Birattari, C. ... 338 (1994) 534
Pennington, T., see DiBitonto, D. ... 338 (1994) 404
Perdikis, C., see Adam, W. ... 338 (1994) 284
Peryshkin, A., see DØ Collaboration ... 338 (1994) 185
Peskov, V., see Aprile, E. ... 338 (1994) 328
Pestov, Yu.N. and L.I. Shekhtman, Influence of the bulk resistivity of glass with electronic conductivity on the performance of microstrip gas chamber ... 338 (1994) 368
Peters, M., see DØ Collaboration ... 338 (1994) 185
Pi, B., see DØ Collaboration ... 338 (1994) 185
Piedigrossi, D., see D'Ambrosio, C. ... 338 (1994) 389
Piekarz, H., see DØ Collaboration ... 338 (1994) 185
Pintschovius, L., Performance of a three-axis neutron spectrometer using horizontally and vertically focussing monochromators ... 338 (1994) 136
Pischalnikov, Yu., see DØ Collaboration ... 338 (1994) 185
Pizzuto, D., see DØ Collaboration ... 338 (1994) 185
Pluquet, A., see DØ Collaboration ... 338 (1994) 185
Podstavkov, V., see DØ Collaboration ... 338 (1994) 185
Polok, G., see Adam, W. ... 338 (1994) 284
Pope, B.G., see DØ Collaboration ... 338 (1994) 185
Popovici, M., W.B. Yelon, R. Berliner, A.D. Stoica, I. Ioniţă and R. Law, Curved crystal optics and the resolution formalism: programs and optimization procedures ... 338 (1994) 99
Popovici, M. and W.B. Yelon, Design of microfocusing bent-crystal double monochromators ... 338 (1994) 132
Prager, M., see Carlile, C.J. ... 338 (1994) 78
Prosper, H.B., see DØ Collaboration ... 338 (1994) 185
Protopopescu, S., see DØ Collaboration ... 338 (1994) 185
Puertolas, D., see D'Ambrosio, C. ... 338 (1994) 389

Que, Y.-K., see DØ Collaboration ... 338 (1994) 185
Quintas, P.Z., see DØ Collaboration ... 338 (1994) 185

Rahal-Callot, G., see DØ Collaboration ... 338 (1994) 185
Raja, R., see DØ Collaboration ... 338 (1994) 185
Rajagopalan, S., see DØ Collaboration ... 338 (1994) 185
Randaccio, P., see Bencivelli, W. ... 338 (1994) 549
Rao, M.V.S., see DØ Collaboration ... 338 (1994) 185
Rasmussen, L., see DØ Collaboration ... 338 (1994) 185
Rauch, H., Towards novel bunching and squeezing methods for neutrons ... 338 (1994) 9
Read, A.L., see DØ Collaboration ... 338 (1994) 185
Regan, T., see DØ Collaboration ... 338 (1994) 185
Repond, S., see DØ Collaboration ... 338 (1994) 185

Rester, A.C., see Aspacher, B. 338 (1994) 511
Rester, A.C., see Aspacher, B. 338 (1994) 516
Rey-Campagnolle, M., see Ballon, J. 338 (1994) 310
Riadovikov, V., see DØ Collaboration 338 (1994) 185
Richter, A., see von Neumann-Cosel, P. 338 (1994) 425
Rijssenbeek, M., see DØ Collaboration 338 (1994) 185
Ripken, G., see Barber, D.P. 338 (1994) 166
Rith, K., see Barber, D.P. 338 (1994) 166
Roberts, J.C.H., see Foster, B. 338 (1994) 254
Robohm, A., see Adam, W. 338 (1994) 284
Rodríguez, M.J., see Ferrero, C.R.J.L. 338 (1994) 506
Roe, N.A., see DØ Collaboration 338 (1994) 185
Roldán, C., J.L. Ferrero, F. Sánchez, E. Navarro and M.J. Rodríguez, Monte Carlo simulation of alpha spectra in low-geometry measurements 338 (1994) 506
Roloff, H.O., see Barber, D.P. 338 (1994) 166
Rosenberg, B., see Korytov, A. 338 (1994) 375
Rosenson, L., see Korytov, A. 338 (1994) 375
Ross, G.D., see Korytov, A. 338 (1994) 375
Rosso, V., see Bencivelli, W. 338 (1994) 549
Rubinov, P., see DØ Collaboration 338 (1994) 185
Runge, K., see Bertuccio, G. 338 (1994) 582
Rutherfoord, J., see DØ Collaboration 338 (1994) 185

Sajot, G., see Adam, W. 338 (1994) 284
Sánchez, F., see Ferrero, C.R.J.L. 338 (1994) 506
Sannino, M., see Adam, W. 338 (1994) 284
Santocchia, A., see DiBitonto, D. 338 (1994) 404
Santoro, A., see DØ Collaboration 338 (1994) 185
Saragas, E., see Adam, W. 338 (1994) 284
Šaroun, J., see Kulda, J. 338 (1994) 60
Šaroun, J., see Lukáš, P. 338 (1994) 111
Sawyer, L., see DØ Collaboration 338 (1994) 185
Saxon, D.H., see Foster, B. 338 (1994) 254
Schambach, J., see Eden, T. 338 (1994) 432
Schamberger, R.D., see DØ Collaboration 338 (1994) 185
Scherm, R.H. and E. Krüger, Bragg optics – focusing in real and *k*-space 338 (1994) 1
Schulze, C., see Suortti, P. 338 (1994) 27
Schyns, E., see Adam, W. 338 (1994) 284
Sculli, J., see DØ Collaboration 338 (1994) 185
Sears, J., see Korytov, A. 338 (1994) 375
Selen, M.A., see Bebek, C.J. 338 (1994) 447
Selove, W., see DØ Collaboration 338 (1994) 185
Shaw, T.B., see Foster, B. 338 (1994) 254
Shea, M., see DØ Collaboration 338 (1994) 185
Shekhtman, L.I., see Pestov, Yu.N. 338 (1994) 368
Shibata, K., see Carlile, C.J. 338 (1994) 78
Shkurenkov, A., see DØ Collaboration 338 (1994) 185
Sholtys, R., see Bebek, C.J. 338 (1994) 447
Shupe, M., see DØ Collaboration 338 (1994) 185
Silari, M., see Birattari, C. 338 (1994) 534
Sinclair, C.K., see Foster, B. 338 (1994) 254
Singh, J.B., see DØ Collaboration 338 (1994) 185
Sirotenko, V., see DØ Collaboration 338 (1994) 185
Smart, W., see DØ Collaboration 338 (1994) 185
Smith, A., see DØ Collaboration 338 (1994) 185
Smith, D., see DØ Collaboration 338 (1994) 185
Smith, R.P., see DØ Collaboration 338 (1994) 185
Snow, G.R., see DØ Collaboration 338 (1994) 185
Snyder, S., see DØ Collaboration 338 (1994) 185
Sosebee, M., see DØ Collaboration 338 (1994) 185
Souza, M., see DØ Collaboration 338 (1994) 185

Spadafora, A.L., see DØ Collaboration 338 (1994) 185
Spieler, C., see von Neumann-Cosel, P. 338 (1994) 425
Spraker, M., see Eden, T. 338 (1994) 432
Squarcia, S., see Adam, W. 338 (1994) 284
Stampke, S., see DØ Collaboration 338 (1994) 185
Stavropoulos, G., see Adam, W. 338 (1994) 284
Stefanini, A., see Bencivelli, W. 338 (1994) 549
Steffens, E., see Barber, D.P. 338 (1994) 166
Steichele, E., see Magerl, A. 338 (1994) 83
Steinfelds, E., see Eden, T. 338 (1994) 432
Stephens, R., see DØ Collaboration 338 (1994) 185
Stephenson, E.J., see Eden, T. 338 (1994) 432
Stern, E.G., see Cleland, W.E. 338 (1994) 467
Stevenson, G.R., see Gabriel, T.A. 338 (1994) 336
Stevenson, M.L., see DØ Collaboration 338 (1994) 185
Stewart, D., see DØ Collaboration 338 (1994) 185
Stocker, F., see DØ Collaboration 338 (1994) 185
Stodulski, M., see Adam, W. 338 (1994) 284
Stoica, A.D., see Popovici, M. 338 (1994) 99
Stopa, Z., see Adam, W. 338 (1994) 284
Stoyanova, D., see DØ Collaboration 338 (1994) 185
Strachan, D.E., see Foster, B. 338 (1994) 254
Stredde, H., see DØ Collaboration 338 (1994) 185
Streets, K., see DØ Collaboration 338 (1994) 185
Strohman, C.R., see Bebek, C.J. 338 (1994) 447
Strovink, M., see DØ Collaboration 338 (1994) 185
Strunz, P., see Lukáš, P. 338 (1994) 111
Subhani, K., see DiBitonto, D. 338 (1994) 404
Suhanov, A., see DØ Collaboration 338 (1994) 185
Suortti, P., U. Lienert and C. Schulze, Focusing monochromators for high energy synchrotron radiation 338 (1994) 27
Szeptycka, M., see Algeri, A. 338 (1994) 348

Tailhardat, S., see D'Ambrosio, C. 338 (1994) 389
Taketani, A., see DØ Collaboration 338 (1994) 185
Tartaglia, M., see DØ Collaboration 338 (1994) 185
Taylor, F.E., see Korytov, A. 338 (1994) 375
Taylor, J.D., see DØ Collaboration 338 (1994) 185
Teiger, J., see DØ Collaboration 338 (1994) 185
Thadome, J., see Adam, W. 338 (1994) 284
Theodosiou, G., see DØ Collaboration 338 (1994) 185
Theodosiou, G.E., see Adam, W. 338 (1994) 284
Thompson, J., see DØ Collaboration 338 (1994) 185
Tisserant, S., see DØ Collaboration 338 (1994) 185
Toudup, L.W., see Foster, B. 338 (1994) 254
Touillon, R., see Ballon, J. 338 (1994) 310
Traspedini, L., see Adam, W. 338 (1994) 284
Treimer, W., A. Höfer and U. Feye-Treimer, Double crystal diffractometry with lamellae crystals 338 (1994) 116
Trippe, T.G., see DØ Collaboration 338 (1994) 185
Turala, M., see Adam, W. 338 (1994) 284
Tuts, P.M., see DØ Collaboration 338 (1994) 185

Ullaland, O., see Adam, W. 338 (1994) 284

v. Feilitzsch, F., see Jochum, J. 338 (1994) 458
v. Wallpach, R., see Lechner, R.E. 338 (1994) 65
Van Berg, R., see DØ Collaboration 338 (1994) 185
Vaz, M., see DØ Collaboration 338 (1994) 185
Verdier, R., see Korytov, A. 338 (1994) 375
Vine, I.A., see Foster, B. 338 (1994) 254
Vishwanath, P.R., see DØ Collaboration 338 (1994) 185
Vogt, T., L. Passell, S. Cheung and J.D. Axe, Using wafer stacks as neutron monochromators 338 (1994) 71

Volkemer, B., see Ballon, J. 338 (1994) 310
Volkov, A., see DØ Collaboration 338 (1994) 185
von Neumann-Cosel, P., N. Huxel, A. Richter, C. Spieler, J.J. Carroll and C.B. Collins, Absolute calibration of low energy, thick target bremsstrahlung 338 (1994) 425
Vorobiev, A., see DØ Collaboration 338 (1994) 185
Vrána, M., see Mikula, P. 338 (1994) 18
Vrána, M., P. Lukáš, P. Mikula and J. Kulda, Bragg diffraction optics in high resolution strain measurements 338 (1994) 125

Wadsworth, B., see Korytov, A. 338 (1994) 375
Wagner, V., see Mikula, P. 338 (1994) 18
Wagner, V., P. Mikula and P. Lukas, A doubly bent silicon monochromator 338 (1993) 53
Wagner, V., see Kulda, J. 338 (1994) 60
Wahl, H.D., see DØ Collaboration 338 (1994) 185
Wallis, E.W.G., see Foster, B. 338 (1994) 254
Wang, D.-C., see DØ Collaboration 338 (1994) 185
Wang, L.-Z., see DØ Collaboration 338 (1994) 185
Wärm, A., see Adam, W. 338 (1994) 284
Waser, N.A., A.P. Fleer, T.R. Hammar, K.O. Buesseler and M.P. Bacon, Determination of natural ^{32}P and ^{33}P in rainwater, marine particles and plankton by low-level beta counting 338 (1994) 560
Wastie, R.L., see Foster, B. 338 (1994) 254
Watson, J.W., see Eden, T. 338 (1994) 432
Weerts, H., see DØ Collaboration 338 (1994) 185
Wenzel, W.A., see DØ Collaboration 338 (1994) 185
Werner, J., see Adam, W. 338 (1994) 284
Westerhuijs, P., see Carlile, C.J. 338 (1994) 78
Westphal, D., see Barber, D.P. 338 (1994) 166
White, A., see DØ Collaboration 338 (1994) 185
White, D.J., see Foster, B. 338 (1994) 254
White, J.T., see DØ Collaboration 338 (1994) 185
Wightman, J., see DØ Collaboration 338 (1994) 185
Wille, K., see Blokesch, G. 338 (1994) 151
Williams, M.T., see Foster, B. 338 (1994) 254
Willis, S., see DØ Collaboration 338 (1994) 185
Wilson, F.F., see Foster, B. 338 (1994) 254
Wilson, R.D., see Foster, B. 338 (1994) 254
Wimpenny, S.J., see DØ Collaboration 338 (1994) 185
Wolf, Z., see DØ Collaboration 338 (1994) 185
Womersley, J., see DØ Collaboration 338 (1994) 185
Wood, D.R., see DØ Collaboration 338 (1994) 185

Xia, Y., see DØ Collaboration 338 (1994) 185
Xiao, D., see DØ Collaboration 338 (1994) 185
Xie, P., see DØ Collaboration 338 (1994) 185
Xu, F., see Aprile, E. 338 (1994) 328
Xu, H., see DØ Collaboration 338 (1994) 185
Xyroutsikos, S., see Adam, W. 338 (1994) 284

Yamada, R., see DØ Collaboration 338 (1994) 185
Yamin, P., see DØ Collaboration 338 (1994) 185
Yanagisawa, C., see DØ Collaboration 338 (1994) 185
Yang, J., see DØ Collaboration 338 (1994) 185
Yang, M.-J., see DØ Collaboration 338 (1994) 185
Yelon, W.B., see Popovici, M. 338 (1994) 99
Yelon, W.B., see Popovici, M. 338 (1994) 132
Yeo, K.L., see Foster, B. 338 (1994) 254
Yoshikawa, C., see DØ Collaboration 338 (1994) 185
Youssef, S., see DØ Collaboration 338 (1994) 185
Yu, J., see DØ Collaboration 338 (1994) 185
Yuen, P., see Horowitz, Y.S. 338 (1994) 522

Zabierowski, J., High power LED pulser for gain monitoring in a multicounter experiment (*Letter to the Editor*) 338 (1994) 577

Zanello, D., see Asmone, A. 338 (1994) 398
Zapfe, K., see Barber, D.P. 338 (1994) 166
Zavrtanik, M., see Adam, W. 338 (1994) 284
Zeller, R., see DØ Collaboration 338 (1994) 185
Zetsche, F., see Barber, D.P. 338 (1994) 166
Zevgolatakos, E., see Adam, W. 338 (1994) 284
Zhang, S., see DØ Collaboration 338 (1994) 185
Zhang, W.-M., see Eden, T. 338 (1994) 432
Zhou, Y.H., see DØ Collaboration 338 (1994) 185
Zhu, Q., see DØ Collaboration 338 (1994) 185
Zhu, Y.-S., see DØ Collaboration 338 (1994) 185
Zieminska, D., see DØ Collaboration 338 (1994) 185
Zieminski, A., see DØ Collaboration 338 (1994) 185
Zinchenko, A., see DØ Collaboration 338 (1994) 185
Zylberstejn, A., see DØ Collaboration 338 (1994) 185

Nuclear Instruments and Methods in Physics Research A 338 (1994) 602–605
North-Holland

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH
Section A

Subject index

Accelerators, Beam Handling and Targets

Proceedings of the Workshop on Focusing Bragg Optics (Braunschweig, Germany, May 10–11, 1993)

Bragg optics – focusing in real and k-space, R.H. Scherm and E. Krüger 338 (1994) 1
Towards novel bunching and squeezing methods for neutrons, H. Rauch 338 (1994) 9
Bent perfect crystals in asymmetric diffraction geometry in neutron scattering experiments, P. Mikula, J. Kulda, P. Lukáš, M. Vrána and V. Wagner 338 (1994) 18
Focusing monochromators for high energy synchrotron radiation , P. Suortti, U. Lienert and C. Schulze 338 (1994) 27
Comparison of gradient and mosaic crystals by means of k-distributions in reciprocal space, B. Dorner 338 (1994) 33
Monte Carlo simulations of neutron backscattering from vibrating silicon crystals, R. Hock and J. Kulda 338 (1994) 38
Triple-axis instrument with doubly focusing ("zoom") monochromator and horizontally focusing analyser: seven years experience, W. Bührer 338 (1994) 44
A doubly bent silicon monochromator, V. Wagner, P. Mikula and P. Lukas 338 (1994) 53
Comparative tests of neutron monochromators using elastically bent silicon and mosaic crystals, J. Kulda, V. Wagner, P. Mikula and J. Šaroun 338 (1994) 60
A monochromator with variable horizontal and vertical curvatures for focussing in real and reciprocal space, R.E. Lechner, R. v. Wallpach, H.A. Graf, F.-J. Kasper and L. Mokrani 338 (1994) 65
Using wafer stacks as neutron monochromators, T. Vogt, L. Passell, S. Cheung and J.D. Axe 338 (1994) 71
Less background, better contrast by cooling analyser crystals, C.J. Carlile, M.A. Adams, P.S.R. Krishna, M. Prager, K. Shibata and P. Westerhuijs 338 (1994) 78
Will gradient crystals become available for neutron diffraction?, A. Magerl, K.-D. Liss, C. Doll, R. Madar and E. Steichele 338 (1994) 83
Can a gradient crystal compete with a mosaic crystal as a monochromator in neutron- or X-ray diffraction?, K.-D. Liss and A. Magerl 338 (1994) 90
Curved crystal optics and the resolution formalism: programs and optimization procedures, M. Popovici, W.B. Yelon, R. Berliner, A.D. Stoica, I. Ioniţă and R. Law 338 (1994) 99
Double bent crystal diffractometer for SANS experiments, P. Lukáš, P. Mikula, J. Šaroun and P. Strunz 338 (1994) 111
Double crystal diffractometry with lamellae crystals, W. Treimer, A. Höfer and U. Feye-Treimer 338 (1994) 116
High resolution gamma spectroscopy with ideal crystals, A. Jungclaus and H.G. Börner 338 (1994) 120
Bragg diffraction optics in high resolution strain measurements, M. Vrána, P. Lukáš, P. Mikula and J. Kulda . 338 (1994) 125
Design of microfocusing bent-crystal double monochromators, M. Popovici and W.B. Yelon 338 (1994) 132
Performance of a three-axis neutron spectrometer using horizontally and vertically focussing monochromators, L. Pintschovius 338 (1994) 136
Coupled time and space focusing for time-of-flight inelastic scattering, H. Mutka 338 (1994) 144

A slotted-pipe kicker for high-current storage rings, G. Blokesch, M. Negrazus and K. Wille 338 (1994) 151
On a possibility of using crystals for the production of polarized positrons at high energies, V.N. Baier, R. Chehab and V.M. Katkov 338 (1994) 156
Three dimensional multipole decomposition of fields, K. Hahn 338 (1994) 161
High spin polarization at the HERA electron storage ring, D.P. Barber, M. Böge, H. Böttcher, H.-D. Bremer, R. Brinkmann, W. Brückner, M. Düren, E. Gianfelice-Wendt, R. Kaiser, R. Klanner, H.-Ch. Lewin, M. Lomperski, N. Meyners, W.-D. Nowak, P.M. Patel, G. Ripken, K. Rith, H.O. Roloff, E. Steffens, D. Westphal, K. Zapfe and F. Zetsche 338 (1994) 166

Instruments and Methods for High Energy Physics

The DØ detector, DØ Collaboration, S. Abachi, M. Abolins, B.S. Acharya, I. Adam, S. Ahn, H. Aihara, G. Alvarez, G.A. Alves, N. Amos, W. Anderson, Yu. Antipov, S.H. Aronson, R. Astur, R.E. Avery, A. Baden,

0168-9002/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

J. Balderston, B. Baldin, J. Bantly, E. Barasch, J.F. Bartlett, K. Bazizi, T. Behnke, V. Bezzubov, P.C. Bhat, G. Blazey, S. Blessing, A. Boehnlein, F. Borcherding, J. Borders, N. Bozko, A. Brandt, R. Brock, A. Bross, D. Buchholz, V. Burtovoy, J.M. Butler, O. Callot, D. Chakraborty, S. Chekulaev, J. Chen, L.-P. Chen, W. Chen, B.C. Choudhary, J.H. Christenson, D. Claes, A.R. Clark, W.G. Cobau, J. Cochran, W.E. Cooper, C. Cretsinger, D. Cullen-Vidal, M. Cummings, D. Cutts, O.I. Dahl, B. Daniels, K. De, M. Demarteau, K. Denisenko, N. Denisenko, D. Denisov, S. Denisov, W. Dharmaratna, H.T. Diehl, M. Diesburg, R. Dixon, P. Draper, Y. Ducros, S. Durston-Johnson, D. Eartly, P.H. Eberhard, D. Edmunds, A. Efimov, J. Ellison, V.D. Elvira, R. Engelmann, O. Eroshin, V. Evdokimov, S. Fahey, G. Fanourakis, M. Fatyga, J. Featherly, S. Feher, D. Fein, T. Ferbel, D. Finley, G. Finocchiaro, H.E. Fisk, E. Flattum, G.E. Forden, M. Fortner, P. Franzini, S. Fuess, E. Gallas, C.S. Gao, T.L. Geld, K. Genser, C.E. Gerber, B. Gibbard, V. Glebov, J.F. Glicenstein, B. Gobbi, M. Goforth, M.L. Good, F. Goozen, H. Gordon, N. Graf, P.D. Grannis, D.R. Green, J. Green, H. Greenlee, N. Grossman, P. Grudberg, J.A. Guida, J.M. Guida, W. Guryn, N.J. Hadley, H. Haggerty, S. Hagopian, V. Hagopian, R.E. Hall, S. Hansen, J. Hauptman, D. Hedin, A.P. Heinson, U. Heintz, T. Heuring, R. Hirosky, K. Hodel, J.S. Hoftun, J.R. Hubbard, T. Huehn, R. Huson, S. Igarashi, A.S. Ito, E. James, J. Jiang, K. Johns, C.R. Johnson, M. Johnson, A. Jonckheere, M. Jones, H. Jöstlein, C.K. Jung, S. Kahn, S. Kanekal, A. Kernan, L. Kerth, A. Kirunin, A. Klatchko, B. Klima, B. Klochkov, C. Klopfenstein, V. Klyukhin, V. Kochetkov, J.M. Kohli, W. Kononenko, J. Kotcher, I. Kotov, J. Kourlas, A. Kozelov, E. Kozlovsky, G. Krafczyk, K. Krempetz, M.R. Krishnaswamy, P. Kroon, S. Krzywdzinski, S. Kunori, S. Lami, G. Landsberg, R.E. Lanou, P. Laurens, J. Lee-Franzini, J. Li, R. Li, Q.Z. Li-Demarteau, J.G.R. Lima, S.L. Linn, J. Linnemann, R. Lipton, Y.-C. Liu, D. Lloyd-Owen, F. Lobkowicz, S.C. Loken, S. Lokos, L. Lueking, A.K.A. Maciel, R.J. Madaras, R. Madden, E. Malamud, Ph. Mangeot, I. Manning, B. Mansoulié, V. Manzella, H.-S. Mao, M. Marcin, L. Markosky, T. Marshall, H.J. Martin, M.I. Martin, P.S. Martin, M. Marx, B. May, A. Mayorov, R. McCarthy, J. McKinley, D. Mendoza, X.-C. Meng, K.W. Merritt, A. Milder, A. Mincer, N.K. Mondal, M. Montag, P. Mooney, M. Mudan, G.T. Mulholland, C. Murphy, C.T. Murphy, F. Nang, M. Narain, V.S. Narasimham, H.A. Neal, P. Nemethy, D. Nešić, K.K. Ng, D. Norman, L. Oesch, V. Oguri, E. Oltman, N. Oshima, D. Owen, M. Pang, A. Para, C.H. Park, R. Partridge, M. Paterno, A. Peryshkin, M. Peters, B. Pi, H. Piekarz, Yu. Pischalnikov, D. Pizzuto, A. Pluquet, V. Podstavkov, B.G. Pope, H.B. Prosper, S. Protopopescu, Y.-K. Que, P.Z. Quintas, G. Rahal-Callot, R. Raja, S. Rajagopalan, M.V.S. Rao, L. Rasmussen, A.L. Read, T. Regan, S. Repond, V. Riadovikov, M. Rijssenbeek, N.A. Roe, P. Rubinov, J. Rutherfoord, A. Santoro, L. Sawyer, R.D. Schamberger, J. Sculli, W. Selove, M. Shea, A. Shkurenkov, M. Shupe, J.B. Singh, V. Sirotenko, W. Smart, A. Smith, D. Smith, R.P. Smith, G.R. Snow, S. Snyder, M. Sosebee, M. Souza, A.L. Spadafora, S. Stampke, R. Stephens, M.L. Stevenson, D. Stewart, F. Stocker, D. Stoyanova, H. Stredde, K. Streets, M. Strovink, A. Suhanov, A. Taketani, M. Tartaglia, J.D. Taylor, J. Teiger, G. Theodosiou, J. Thompson, S. Tisserant, T.G. Trippe, P.M. Tuts, R. Van Berg, M. Vaz, P.R. Vishwanath, A. Volkov, A. Vorobiev, H.D. Wahl, D.-C. Wang, L.-Z. Wang, H. Weerts, W.A. Wenzel, A. White, J.T. White, J. Wightman, S. Willis, S.J. Wimpenny, Z. Wolf, J. Womersley, D.R. Wood, Y. Xia, D. Xiao, P. Xie, H. Xu, R. Yamada, P. Yamin, C. Yanagisawa, J. Yang, M.-J. Yang, C. Yoshikawa, S. Youssef, J. Yu, R. Zeller, S. Zhang, Y.H. Zhou, Q. Zhu, Y.-S. Zhu, D. Zieminska, A. Zieminski, A. Zinchenko and A. Zylberstejn 338 (1994) 185

The design and construction of the ZEUS central tracking detector, B. Foster, J. Malos, D.H. Saxon, D.E. Clark, A.K. Jamdagni, C. Markou, D.B. Miller, D.G. Miller, L.W. Toudup, C.G. Auty, G.A. Blair, C.B. Brooks, R.J. Cashmore, A.T. Hanford, N. Harnew, A.R. Holmes, W. Linford, N.C. Martin, I.C. McArthur, J. Nash, K.N. Nobbs, R.L. Wastie, M.T. Williams, F.F. Wilson, R.D. Wilson, J.C. Hart, R.W. Hatley, J.W. Hiddleston, M.D. Gibson, N.A. McCubbin, A. Middleton, M.C. Morrissey, D. Morrow, P. O'Brien, B.T. Payne, J.C.H. Roberts, T.B. Shaw, C.K. Sinclair, E.W.G. Wallis, D.J. White, K.L. Yeo, F.W. Bullock, J. Dumper, T.J. Fraser, D. Hayes, T.W. Jones, D.E. Strachan and I.A. Vine 338 (1994) 254

The forward ring imaging Cherenkov detector of DELPHI, W. Adam, E. Albrecht, I. Ambec, A. Augustinus, C. Barnoux, B. Boštjančič, O. Botner, A.P. Budziak, L.P. Caloba, P. Carecchio, P. Cavalli, L. Ceelie, R. Cereseto, G. Cerutti, E. Dahl-Jensen, Ph. Dam, G. Damgaard, N. de Koning, A.S. de la Vega, N. Dimitriou, W. Dulinski, L-O. Eek, T. Ekelöf, J. Erikson, A. Florek, B. Florek, F. Fontanelli, A. Fontenille, K. Galuszka, J. Garcia, V. Gracco, A. Hallgren, W. Hao, T. Henkes, D. Isenhower, H. Johansson, E. Karvelas, P. Kindblom, B. Koene, A. Korporaal, P. Kostarakis, G. Lenzen, L.-E. Lindqvist, P. Lorenz, D. Loukas, B. Lund-Jensen, A. Maltezos, A. Markou, L. Mattsson, J. Medbo, J. Michalowski, F. Montano, B.S. Nielsen, J.M. Ostler, K. Pakonski, C. Perdikis, G. Polok, A. Robohm, G. Sajot, M. Sannino, E. Saragas, E. Schyns, S. Squarcia, G. Stavropoulos, M. Stodulski, Z. Stopa, J. Thadome, G.E. Theodosiou, L. Traspedini, M. Turala, O. Ullaland, A. Wärm, J. Werner, S. Xyroutsikos, M. Zavrtanik and E. Zevgolatakos 338 (1994) 284

A high resolution fast-RICH counter for on-line tagging of high energy particles, J. Ballon, C. Bérat, M. Buénerd, J. Chauvin, J.Y. Hostachy, M. Laâmyem, Ph. Martin, M. Rey-Campagnolle, R. Touillon and B. Volkemer 338 (1994) 310

Performance of CsI photocathodes in liquid Xe, Kr, and Ar, E. Aprile, A. Bolotnikov, D. Chen, R. Mukherjee, F. Xu, D.F. Anderson and V. Peskov 338 (1994) 328
Energy dependence of hadronic activity, T.A. Gabriel, D.E. Groom, P.K. Job, N.V. Mokhov and G.R. Stevenson 338 (1994) 336
Anode wire ageing in proportional counters: the problem of analog response, A. Algeri, H.G. Fischer, S.-O. Holmgren and M. Szeptycka 338 (1994) 348
Influence of the bulk resistivity of glass with electronic conductivity on the performance of microstrip gas chamber, Yu.N. Pestov and L.I. Shekhtman 338 (1994) 368
Performance of limited streamer drift tubes, A. Korytov, E. Nehrlich, L.S. Osborne, B. Rosenberg, L. Rosenson, G.D. Ross, J. Sears, F.E. Taylor, R. Verdier and B. Wadsworth 338 (1994) 375
Photon counting with a hybrid photomultiplier tube (HPMT), C. D'Ambrosio, T. Gys, H. Leutz, D. Piedigrossi, D. Puertolas and S. Tailhardat 338 (1994) 389
Thermal neutron radiation damage on light yield and attenuation length of scintillating fibres, A. Asmone, M. Bertino, C. Bini, G. De Zorzi, G. Diambrini Palazzi, G. Di Cosimo, A. Di Domenico, F. Garufi, P. Gauzzi, D. Zanello and A. Festinesi 338 (1994) 398
Ultra-thin, high-precision flex cable for the L3 Silicon Microvertex Detector, D. DiBitonto, T. Pennington, K. Subhani, G. Ambrosi, M. Biasini, E. Babucci, R. Battiston, S. Easo, V. Krastev, M. Pauluzzi, A. Santocchia, W.J. Burger and G. Matay 338 (1994) 404

Instruments and Methods for Nuclear Spectroscopy

Thick-target backscattering technique to measure α-particle elastic scattering cross sections, K.-M. Källman, V.Z. Goldberg, T. Lönnroth, P. Manngård, A.E. Pakhomov and V.V. Pankratov 338 (1994) 413
Calibration of CsI(Tl) scintillators for heavy ions ($3 \leqslant Z \leqslant 54$) in a wide energy range ($E/\mathrm{u} \leqslant 60$ MeV/u), P.F. Mastinu, P.M. Milazzo, M. Bruno, M. D'Agostino and L. Manduci 338 (1994) 419
Absolute calibration of low energy, thick target bremsstrahlung, P. von Neumann-Cosel, N. Huxel, A. Richter, C. Spieler, J.J. Carroll and C.B. Collins 338 (1994) 425

Neutron Physics

Performance of a neutron polarimeter to measure the electric form factor of the neutron, T. Eden, R. Madey, W.-M. Zhang, B.D. Anderson, A.R. Baldwin, J.M. Cameron, J.M. Finn, C.C. Foster, J.J. Kelly, S. Kowalski, R. Lourie, P. Markowitz, B. Ni, P.J. Pella, J. Schambach, M. Spraker, E. Steinfelds, E.J. Stephenson and J.W. Watson 338 (1994) 432
An alternative method for computing the influence of multiphonon processes in the inelastic scattering of neutrons. Application to metal hydrides, J. Mestnik Filho and J.I. Moura 338 (1994) 442

Computer Automated Measurement and Control

A new data acquisition system for CLEO II, C.J. Bebek, J.A. Dobbins, R. Sholtys, C.R. Strohman, D.S. Akerib, M.O. Battle, K. Honscheid and M.A. Selen 338 (1994) 447

Nuclear Electronics

A simple way of connecting front-end amplifiers to ionisation chamber detectors, S. Centro 338 (1994) 455
Electronic noise of superconducting tunnel junction detectors, J. Jochum, H. Kraus, M. Gutsche, B. Kemmather, F. v. Feilitzsch and R.L. Mössbauer 338 (1994) 458
High power LED pulser for gain monitoring in a multicounter experiment (*Letter to the Editor*), J. Zabierowski 338 (1994) 577
HEMT based integrated charge preamplifier first results (*Letter to the Editor*), G. Bertuccio, G. De Geronimo, A. Longoni, S. Lauxtermann, W. Bronner and K. Runge 338 (1994) 582

Numerical and Data Analysis

Signal processing considerations for liquid ionization calorimeters in a high rate environment, W.E. Cleland and E.G. Stern 338 (1994) 467

Analysis technique of multiplet alpha spectra, Jichun Yang and Jianzhong Ni 338 (1994) 498
Monte Carlo simulation of alpha spectra in low-geometry measurements, C. Roldán, J.L. Ferrero, F. Sánchez, E. Navarro and M.J. Rodríguez 338 (1994) 506
Compton continuum suppression by analog pulse shape analysis, B. Aspacher and A.C. Rester 338 (1994) 511
Compton continuum suppression by digital pulse shape analysis. Part II, B. Aspacher and A.C. Rester 338 (1994) 516

Dosimetry, Space Radiation and Medical Applications

Beta ray spectroscopy based on a plastic scintillation detector/silicon surface barrier detector coincidence telescope , Y.S. Horowitz, C.R. Hirning, P. Yuen and M. Aikens 338 (1994) 522
Measurements and characterization of high energy neutron fields, C. Birattari, E. De Ponti, A. Esposito, A. Ferrari, M. Pelliccioni and M. Silari 338 (1994) 534
Phase transition time measurements of superheated superconducting granules, M. Furlan, K. Borer, A. Gabutti and S. Janos 338 (1994) 544
Comparison of different GaAs detectors for X-ray digital radiography, W. Bencivelli, R. Bertin, E. Bertolucci, U. Bottigli, S. D'Auria, C. Del Papa, M.E. Fantacci, P. Randaccio, V. Rosso and A. Stefanini 338 (1994) 549
The real-time fitting of radioactive decay curves. 2. Application, B.M. Hartley 338 (1994) 556

Special Applications

Determination of natural ^{32}P and ^{33}P in rainwater, marine particles and plankton by low-level beta counting, N.A. Waser, A.P. Fleer, T.R. Hammar, K.O. Buesseler and M.P. Bacon 338 (1994) 560
A γ-ray detection system for 3-D particle tracking in multiphase reactors, F. Larachi, G. Kennedy and J. Chaouki 338 (1994) 568

Letters to the Editor

High power LED pulser for gain monitoring in a multicounter experiment, J. Zabierowski 338 (1994) 577
HEMT based integrated charge preamplifier first results, G. Bertuccio, G. De Geronimo, A. Longoni, S. Lauxtermann, W. Bronner and K. Runge 338 (1994) 582

Erratum

B. Foster, Erratum to "The design, status and performance of the ZEUS central tracking detector electronics" by D.G. Cussans et al. [Nucl. Instr. and Meth. A 315 (1992) 397–403] 338 (1994) 585